



<div> <div>Drainage Design Manual for Maricopa County</div> <div>Erosion Control: Best Management Practices</div> </div> <div> <div>GH-1</div> <div>Chemical Management Photos</div> </div> <div>  <div>Secondary drum containment platform. Courtesy of Interstate Products, Inc.</div>  <div>Secondary drum containment covered storage. Courtesy of Interstate Products, Inc.</div> </div> <div> <div>5-172</div> <div>General Housekeeping - 1 Page 6 of 6</div> <div>August 15, 2013</div> </div>	<div> <div>Drainage Design Manual for Maricopa County</div> <div>Erosion Control: Best Management Practices</div> </div> <div> <div>GH-2</div> <div>GH-2: Solid Waste Management</div> </div> <div> <div>DEFINITION</div> <p>The routine collection, recycling, and disposal of accumulated solid waste generated at the construction site.</p> </div> <div> <table> <tr> <th>GENERAL INFORMATION</th><th>RATINGS</th></tr> <tr> <td> <b>Applicability - Effectiveness</b>  Debris Management, Cleanup, and Washout - moderate  Trash Collection/Management - high </td><td> <table> <tr> <th>Associated Costs</th><th>H</th><th>M</th><th>L</th></tr> <tr> <td>Implementation</td><td></td><td>X</td><td></td></tr> <tr> <td>Maintenance</td><td></td><td>X</td><td></td></tr> <tr> <td>Training</td><td></td><td>X</td><td></td></tr> </table> </td></tr> <tr> <td> <b>Most effective when used with:</b>  <a href="#">GH-1: Chemical Management</a>  <a href="#">GH-3: Equipment Maintenance Procedures</a>  <a href="#">GH-5: Spill Containment Plan</a> </td><td> <table> <tr> <th>Target Pollutants Removal</th><th>H</th><th>M</th><th>L</th></tr> <tr> <td>Oil and Grease</td><td></td><td></td><td>X</td></tr> <tr> <td>Nutrients</td><td></td><td>X</td><td></td></tr> <tr> <td>Sediment</td><td></td><td></td><td>X</td></tr> <tr> <td>Floatable Material</td><td>X</td><td></td><td></td></tr> <tr> <td>Metals</td><td>X</td><td></td><td></td></tr> <tr> <td>Other Construction Waste</td><td>X</td><td></td><td></td></tr> </table> </td></tr> <tr> <td> <b>Alternative BMPs:</b>  None </td><td></td></tr> </table> </div> <div> <div>FIGURES</div> <div> Photos/Sketches  <a href="#">Solid Waste Management Photos</a> </div> <div> CAD Drawings  None </div> </div> <div> <div>August 15, 2013</div> <div>General Housekeeping - 2 Page 2 of 6</div> <div>5-173</div> </div>	GENERAL INFORMATION	RATINGS	<b>Applicability - Effectiveness</b> Debris Management, Cleanup, and Washout - moderate Trash Collection/Management - high	<table> <tr> <th>Associated Costs</th><th>H</th><th>M</th><th>L</th></tr> <tr> <td>Implementation</td><td></td><td>X</td><td></td></tr> <tr> <td>Maintenance</td><td></td><td>X</td><td></td></tr> <tr> <td>Training</td><td></td><td>X</td><td></td></tr> </table>	Associated Costs	H	M	L	Implementation		X		Maintenance		X		Training		X		<b>Most effective when used with:</b> <a href="#">GH-1: Chemical Management</a> <a href="#">GH-3: Equipment Maintenance Procedures</a> <a href="#">GH-5: Spill Containment Plan</a>	<table> <tr> <th>Target Pollutants Removal</th><th>H</th><th>M</th><th>L</th></tr> <tr> <td>Oil and Grease</td><td></td><td></td><td>X</td></tr> <tr> <td>Nutrients</td><td></td><td>X</td><td></td></tr> <tr> <td>Sediment</td><td></td><td></td><td>X</td></tr> <tr> <td>Floatable Material</td><td>X</td><td></td><td></td></tr> <tr> <td>Metals</td><td>X</td><td></td><td></td></tr> <tr> <td>Other Construction Waste</td><td>X</td><td></td><td></td></tr> </table>	Target Pollutants Removal	H	M	L	Oil and Grease			X	Nutrients		X		Sediment			X	Floatable Material	X			Metals	X			Other Construction Waste	X			<b>Alternative BMPs:</b> None		<div> <div>Drainage Design Manual for Maricopa County</div> <div>Erosion Control: Best Management Practices</div> </div> <div> <div>PURPOSE</div> <p>Solid waste is one of the major pollutants caused by construction activities. By limiting the trash and debris on site and through proper disposal methods, stormwater quality is improved and there is reduced clean up at the completion of a project.</p> </div> <div> <div>APPROPRIATE APPLICATIONS</div> <p>Proper solid waste management is applicable to all construction activities. Solid wastes include, but are not limited to:</p> <ul style="list-style-type: none"> <li>Construction wastes including plastic, glass, rubber, brick, mortar, timber, steel and metal scraps, sawdust, pipe and electrical cuttings, non-hazardous equipment parts, Styrofoam and other materials used to transport and package construction materials, materials from the demolition of structures. Highway planting wastes, including vegetative material, plant containers, and packaging materials.</li> <li>Domestic waste products, including sanitary wastes, food containers, beverage cans, coffee cups, paper bags, plastic wrappers, cigarettes, and litter generated by the public.</li> </ul> </div> <div> <div>LIMITATIONS</div> <ul style="list-style-type: none"> <li>Temporary stockpiling of certain construction wastes may not necessitate stringent drainage related controls during the non-rainy season or in desert areas with low rainfall.</li> <li>This practice only applies to non-hazardous solid waste.</li> </ul> </div> <div> <div>RECOMMENDED STANDARDS AND SPECIFICATIONS</div> </div> <div> <div>Education</div> <ul style="list-style-type: none"> <li>Site supervisor or other designated personnel should oversee and enforce proper solid waste procedures and practices.</li> <li>Instruct employees and subcontractors on identification of solid waste and hazardous waste, solid waste storage and disposal procedures. Require that employees and subcontractors follow solid waste handling and storage procedures.</li> <li>Hold regular meetings to discuss and reinforce disposal procedures (incorporate into regular safety meetings).</li> <li>Prohibit littering by employees, subcontractors, and visitors.</li> <li>Wherever possible, minimize production of solid waste materials.</li> </ul> </div> <div> <div>5-174</div> <div>General Housekeeping - 2 Page 2 of 6</div> <div>August 15, 2013</div> </div>	<div> <div>Drainage Design Manual for Maricopa County</div> <div>Erosion Control: Best Management Practices</div> </div> <div> <div>Collection, Storage, and Disposal</div> <ul style="list-style-type: none"> <li>Covered dumpsters of sufficient size and number should be provided to contain the solid waste generated by the project operations.</li> <li>Prevent clogging of the storm drainage system by removing litter and debris from drainage grates, trash racks, and ditch lines.</li> <li>Trash receptacles should be provided in the contractor's yard, field trailer areas, and at locations where workers congregate for lunch and break periods.</li> <li>Construction debris and litter from work areas within the construction limits of the project site should be collected and placed in watertight dumpsters at least weekly regardless of whether the litter was generated by the contractor, the public, or others. Collected litter and debris should not be placed in or next to drain inlets, stormwater drainage systems, or watercourses.</li> <li>Full dumpsters should be removed from the project site.</li> <li>Litter stored in collection areas and containers should be handled and disposed of by trash hauling contractors every two weeks or more frequently, if necessary. Notify trash hauling contractors that only watertight dumpsters are acceptable for use onsite. Plan for additional containers and more frequent pickup during the demolition phase of construction.</li> <li>Stormwater runoff should be prevented from contacting stored solid waste through the use of berms, dikes, or other temporary diversion structures.</li> <li>Solid waste storage areas should be located more than 50 ft from drainage facilities and watercourses and should not be located in areas prone to flooding or ponding.</li> <li>Dumpster washout on the project site is not allowed.</li> <li>Keep the site clean of litter debris.</li> </ul> </div> <div> <div>Hazardous Waste Management</div> <ul style="list-style-type: none"> <li>Segregate potentially hazardous waste from non-hazardous construction site waste. Make sure that toxic liquid wastes (e.g., used oils, solvents, and paints) and chemicals (e.g., acids, pesticides, additives, curing compounds) are not disposed of in dumpsters designated for construction debris. For disposal of hazardous waste, see <a href="#">Chemical Management</a>. Have hazardous waste hauled to an appropriate disposal and/or recycling facility.</li> </ul> </div> <div> <div>Recycling</div> <ul style="list-style-type: none"> <li>Salvage or recycle useful vegetation debris, packaging and/or surplus building materials when practical. For example, trees and shrubs from land clearing can be converted into</li> </ul> </div> <div> <div>August 15, 2013</div> <div>General Housekeeping - 2 Page 3 of 6</div> <div>5-175</div> </div>
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